(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 30 June 2005 (30.06.2005)

PCT

(10) International Publication Number WO 2005/059436 A1

(51) International Patent Classification7: H011, 23/36, F28D 5/00

F21V 29/00,

(21) International Application Number:

PCT/CA2004/002141

(22) International Filing Date:

16 December 2004 (16.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/529,613

16 December 2003 (16.12.2003)

- (71) Applicant (for all designated States except US): AIM-LEDS CORPORATION [CA/CA]; 27-R Atlantic Avenue, Studio 4, Toronto, Ontario M6K 3E7 (CA).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SEABROOK, Bill [CA/CA]; 27-R Atlantic Avenue, Studio 4, Toronto, Ontario M6K 3E7 (CA).
- (74) Agent: RIDOUT & MAYBEE LLP; One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

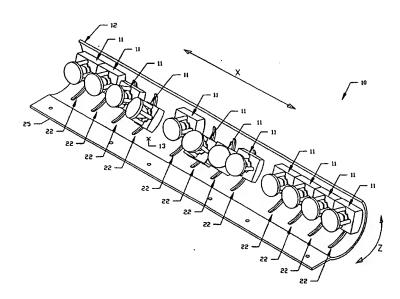
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: LIGHTING ASSEMBLY, HEAT SINK AND HEAT RECOVERY SYSTEM THEREFOR



(57) Abstract: A lighting assembly includes a thermally conductive mounting having a mounting surface is provided. A heat sink seat having a front and rear surface is moveably mounted to the mounting surface. A light emitting device may be attached to the front surface of the heat sink seat. Different embodiments of the lighting assembly, a heat sink and a heat recovery system for the light assembly are also provided.

 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.